

Claims

I claim:

1. A method of operating a distributed processing system to provide data conversion
5 services, comprising:
 providing a server system;
 coupling the server system to a network, the network being configured to be coupled to
 distributed devices;
 receiving a request for data conversion from a requesting device; and
10 utilizing the server system to distribute workloads to at least one distributed device to
 accomplish the requested data conversion.
2. The method of claim 1, wherein the data conversion comprises language translation.
- 15 3. The method of claim 1, wherein the data conversion comprises reformatting content of a
 network site.
4. The method of claim 3, wherein the requesting device is a wireless device and the data
conversion reformats the content of the network site so that it is displayable on the wireless
20 device.
5. The method of claim 4, wherein receiving step comprises receiving a request from a
wireless device server, the wireless device server having first received a request for the content
from the network site from the wireless device.
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6. The method of claim 1, wherein the distributed devices receiving the conversion
workload communicate results directly back to the requesting device.

7. The method of claim 1, wherein the requested data conversion comprises a data file transmitted from the requesting device.

8. A method of operating a distributed processing system to provide data conversion
5 services, comprising:

providing a server system;

coupling the server system to a network, the network being configured to be coupled to
distributed devices;

receiving a request for data conversion service from a requesting device; and

10 allocating at least one distributed device to accomplish the requested data conversion
service.

9. The method of claim 8, wherein the requesting device comprises a network site content
server.

10. The method of claim 9, wherein the network is the Internet.

11. The method of claim 9, wherein allocating step comprises allocating a group of
distributed devices for a period of time to accomplish expected data conversion demands on the
20 requesting device.

12. The method of claim 11, wherein the requesting device comprises a wireless device
server.

13. The method of claim 11, wherein the requesting device communicates data conversion
workloads directly to the allocated distributed devices.

14. A distributed data conversion processing system, comprising:
a first system coupled to a network, the network being configured to be coupled to
30 distributed devices; and

a database storing capability vectors for a plurality of the distributed devices, the first system utilizing at least one capability vector to identify at least one distributed device to accomplish data conversion;
the first system capable of receiving data conversion requests from a requesting device.

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15. The distributed data conversion processing system of claim 14, wherein the data conversion comprises language translation.

16. The distributed data conversion processing system of claim 14, wherein the data
10 conversion comprises reformatting content of a network site.

17. The distributed data conversion processing system of claim 16, wherein the first system is capable of receiving a request from a wireless device server, the wireless device server having first received a request for the content from the network site from a wireless device.

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